

## **ORAL FORMULATION OF LIPID SOLUBLE THIAMINE AND LIPOIC ACID**

### **ABSTRACT OF THE DISCLOSURE**

**[00177]** A biphasic formulation of lipid soluble thiamine and lipoic acid for oral administration is disclosed. The lipoic acid and lipid soluble thiamine are combined with excipient materials in such a way that those materials provide for an immediate release of a first portion of the active ingredients from the formulation following by a gradual release of any remaining active ingredients in a manner which makes it possible to (1) quickly obtain a therapeutic level of the active ingredients; and (2) substantially increase the period of time over which therapeutic levels of the active ingredients are maintained relative to a quick release formulation. These features make it possible to use the formulation to reduce serum glucose levels and maintain those reduced glucose levels over time to treat diabetic polyneuropathy and thereby obtaining a range of desired therapeutic results.

F:\DOCUMENT\MRIN\010\MRIN-010 appln.doc